

OIIPE

RAW SEQUENCE LISTING

DATE: 09/21/2001

PATENT APPLICATION: US/09/942,310

TIME: 20:20:20

Input Set : A:\GG119-1US.ST25.txt

Output Set: N:\CRF3\09212001\I942310.raw

ENTERED

```

3 <110> APPLICANT: Risinger, Carl
4      Andersson, Maria K.
5      Lewander, Tommy
6      Olaisson, Erik
8 <120> TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
10 <130> FILE REFERENCE: GG119.1US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/942,310
C--> 12 <141> CURRENT FILING DATE: 2001-08-29
12 <150> PRIOR APPLICATION NUMBER: GB 0021286.0
13 <151> PRIOR FILING DATE: 2000-08-30
15 <160> NUMBER OF SEQ ID NOS: 77
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 9432
21 <212> TYPE: DNA
22 <213> ORGANISM: homo sapiens
24 <400> SEQUENCE: 1
25 gaattcaaga ccagcctgga caacttggaa gaaccocggtc tctacaaaaa atacaaaatt      60
27 agctgggatt ggggtgcggtg gctcatgcct ataatacccag cactttggga gcctgaggtg      120
29 ggtggatcac ctgaagtcag gagttcaaga ctagcctggc caacatgggtg aaaccctatc      180
31 tctactgaaa atacaaaaaag cttagacgtgg tggcacacac ctgtaatccc agctacttag      240
33 gaggtctgagg caggagaatt gcttgaagcc tagaggtgaa ggttgtagtg agccgagatt      300
35 gcatcattgc acaatggagg ggagccacca gcctgggcaa caagaggaaa tctccgtctc      360
37 caaaaaaaaa aaaaaaaaaa aaagaattag gctgggtggt gcctgtagtc ccagctactt      420
39 gggaggcagg ggggtccactt gatgtcgaga ctgcagttag ccatgatcct gccactgcac      480
41 tccggcctgg gcaacagagt gagaccctgt ctaaagaaaa aaaaaataaa gcaacatata      540
43 ctgaacaaag gatcctccat aacgttccca ccagatttct aatcagaaac atggaggcca      600
45 gaaagcagtg gaggaggacg accctcaggc agcccgggag gatgttgtca caggctgggg      660
47 caagggcctt ccggctacca actgggagct ctgggaacag ccctgttgca aacaagaagc      720
49 catagcccgg ccagagccca ggaatgtggg ctgggctggg agcagcctct ggacaggagt      780
51 ggtcccatcc aggaacctc cggcatggct ggggaagtgg gtacttggtg ccgggtctgt      840
53 atgtgtgtgt gactggtgtg tgtgagagag aatgtgtgcc ctaagtgtca gtgtgagtct      900
55 gtgtatgtgt gaattattgtc tttgtgtggg tgattttctg cgtgtgtaat cgtgtccctg      960
57 caagtgtgaa caagtggaca agtgtctggg agtggaaca agatctgtgc accatcaggt      1020
59 gtgtgcatag cgtctgtgca tgtcaagagt gcaaggtgaa gtgaaggac caggcccatg      1080
61 atgccactca tcatcaggag ctctaaggcc ccaggttaagt gccagtgaac gataagggtg      1140
63 ctgaagggtc ctctggagtg ggcaggtggg ggtagggaag gggcaaggcc atgttctgga      1200
65 ggaggggttg tgactacatt aggggtgatg agcctagctg ggaggtggat ggccgggtcc      1260
67 actgaaaccc tggttatccc agaaggcttt gcaggcttca ggagcttgga gtggggagag      1320
69 ggggtgactt ctccgaccag gcccctccac cggcctaccc tgggtaaggg cctggagcag      1380
71 gaagcagggg caagaacctc tggagcagcc cataccgcc ctggcctgac tctgccactg      1440
73 gcagcacagt caacacagca ggttcaactc cagcagaggg caaaggccat catcagctcc      1500
75 ctttataagg gaagggtcac gcgctcgggtg tgcctgagagt gtccctgcctg gtcctctgtg      1560
77 cctggtgggg tgggggtgcc aggtgtgtcc agaggagccc atttggtagt gaggcaggta      1620
79 tggggctaga agcactggtg cccctggccg tgatagtggc catcttccctg ctccctggtg      1680
81 acctgatgca ccggcgccaa cgctgggctg cacgctaccc accaggcccc ctgccactgc      1740
83 ccgggctggg caacctgctg catgtggact tccagaacac accatactgc ttccgaccag      1800

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/942,310

DATE: 09/21/2001

TIME: 20:20:20

Input Set : A:\GG119-1US.ST25.txt

Output Set: N:\CRF3\09212001\I942310.raw

85	tgagggagga	ggtcctggag	ggcggcagag	gtgctgaggc	tcccctacca	gaagcaaaca	1860
87	tggatggtgg	gtgaaaccac	aggctggacc	agaagccagg	ctgagaaggg	gaagcaggtt	1920
89	tgggggacgt	cctggagaag	ggcatttata	catggcatga	aggactggat	tttccaaagg	1980
91	ccaaggaaga	gtagggcaag	ggcctggagg	tggagctgga	cttggcagtg	ggcatgcaag	2040
93	cccattgggc	aacatatgtt	atggagtaca	aagtcccttc	tgctgacacc	agaaggaaag	2100
95	gccttgggaa	tggaagatga	gttagtcctg	agtgcctgtt	aaatcacgaa	atcgaggatg	2160
97	aaggggggtgc	agtgacccgg	ttcaaaccct	ttgactgtg	ggtcctcggg	cctcactgcc	2220
99	tcaccggcat	ggaccatcat	ctgggaatgg	gatgctaact	ggggcctctc	ggcaattttg	2280
101	gtgactcttg	caaggtcata	cctgggtgac	gcacccaaac	tgagttcctc	catcacagaa	2340
103	ggtgtgaccc	ccacccccgc	cccacgatca	ggaggctggg	tctcctcctt	ccacctgctc	2400
105	actcctggta	gccccggggg	tcgtccaagg	ttcaaataag	actaggacct	gtagtctggg	2460
107	gtgacctctg	cttgacaaga	ggccctgacc	ctccctctgc	agttgcggcg	ccgcttcggg	2520
109	gacgtgttca	gcctgcagct	ggcctggacg	ccggtggteg	tgctcaatgg	gctggcggcc	2580
111	gtgcgcgagg	cgctggtgac	ccacggcgag	gacaccgccg	accgcccggc	tgtgcccata	2640
113	accagatcc	tgggtttcgg	gccgcgttcc	caaggcaagc	agcggtgggg	acagagacag	2700
115	atttccgtgg	gacccgggtg	ggtgatgacc	gtagtccgag	ctgggcagag	agggcgcggg	2760
117	gtcgtggaca	tgaacacagg	cagcgagtgg	ggacagcggg	ccaagaaacc	acctgcacta	2820
119	gggaggtgtg	agcatgggga	cgaggcgggg	gcttgtgacg	agtggcgggg	gccactgccg	2880
121	agacctggca	ggagcccaat	gggtgagcgt	ggcgatttcc	ccagctggaa	tccggtgtcg	2940
123	aagtgggggc	ggggaccgca	cctgtgctgt	aagctcagtg	tgggtggcgc	ggggcccgcg	3000
125	gggtcttccc	tgagtgcaaa	ggcggtcagg	gtgggcagag	acgaggtggg	gcaaagcctg	3060
127	ccccagccaa	gggagcaagg	tggatgcaca	aagagtgggc	cctgtgacca	gctggacaga	3120
129	gccagggact	gcgggagacc	agggggagca	tagggttggg	gtgggtggtg	gatggtgggg	3180
131	ctaatgcctt	catggccacg	cgcacgtgcc	cgtcccaccc	ccaggggtgt	tccctggcgcg	3240
133	ctatgggccc	gcgtggcgcg	agcagaggcg	cttctccgtg	tccaccttgc	gcaacttggg	3300
135	cctgggcaag	aagtcgctgg	agcagtgggt	gaccgaggag	gccgcctgcc	tttgtgccgc	3360
137	cttcgccaac	cactccggtg	ggtgatgggc	agaagggcac	aaagcgggaa	ctgggaaggc	3420
139	gggggacggg	gaaggcgacc	ccttaccgcc	atctcccacc	cccaggacgc	ccctttcgcc	3480
141	ccaacggtct	cttgacaaa	gccgtgagca	acgtgatcgc	ctccctcacc	tgcgggcgcc	3540
143	gcttcgagta	cgacgacctt	cgcttctca	ggctgctgga	cctagctcag	gagggactga	3600
145	aggaggagtc	gggctttctg	cgcgaggtgc	ggagcgagag	accgaggagt	ctctgcaggg	3660
147	cgagctcccg	agaggtgccg	gggctggact	ggggcctcgg	aagagcagga	tttgcataga	3720
149	tgggtttggg	aaaggacatt	ccaggagacc	ccactgtaag	aagggcctgg	aggaggaggg	3780
151	gacatctcag	acatggctcg	gggagaggtg	tgcccgggtc	agggggcacc	aggagaggcc	3840
153	aaggactctg	tacctcctat	ccacgtcaga	gatttctgatt	ttaggtttct	cctctgggca	3900
155	aggagagagg	gtggaggctg	gcacttgggg	agggacttgg	tgaggctcagt	ggtaaggaca	3960
157	ggcaggccct	gggtctacct	ggagatggct	ggggcctgag	acttgtccag	gtgaacgcag	4020
159	agcacaggag	ggattgagac	cccgttctgt	ctggtgtagg	tgctgaatgc	tgtccccgtc	4080
161	ctcctgcata	tcccagcgct	ggctggcaag	gtcctacgct	tccaaaaggc	tttcttgacc	4140
163	cagctggatg	agctgctaac	tgagcacagg	atgacctggg	acccagccca	gccccccgca	4200
165	gacctgactg	aggccttcct	ggcagagatg	gagaagggtga	gagtggctgc	cacggtgggg	4260
167	ggcaagggtg	gtgggttgag	cgtcccagga	ggaatgaggg	gaggctgggc	aaaaggttgg	4320
169	accagtgcac	caccggcgca	gccgcactct	ggctgacagg	tgcagaattg	gaggtcattt	4380
171	gggggctacc	ccgttctgtc	cagagtatgc	tctcgccctt	gctcaggcca	aggggaacct	4440
173	tgagagcagc	ttcaatgatg	agaacctgcg	catagtgggtg	gctgacctgt	tctctgccgg	4500
175	gatggtgacc	acctcgacca	cgtggccctg	gggcctcctg	ctcatgatcc	tacatccgga	4560
177	tgtgcagcgt	gagcccatct	gggaacacgt	gcaggggccg	agggaggaag	ggtacaggcg	4620
179	ggggcccatg	aactttgctg	ggacaccggg	ggctccaagc	acaggcttga	ccaggtacct	4680
181	gtaagcctga	cctcctccaa	cataggaggc	aagaaggagt	gtcaggggcg	gacccctggg	4740

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/942,310

DATE: 09/21/2001

TIME: 20:20:20

Input Set : A:\GG119-1US.ST25.txt

Output Set: N:\CRF3\09212001\I942310.raw

183	gtgctgaccc	attgtgggga	cgcattgtctg	tccaggccgt	gtccaacagg	agatcgacga	4800
185	cgtgataggg	cagggtgcggc	gaccagagat	gggtgaccag	gctcacatgc	cctacaccac	4860
187	tgcctgtatt	catgaggtgc	agcgttttgg	ggacatcgtc	cccctgggtg	tgacccatat	4920
189	gacatcccgt	gacatcgaag	tacagggtct	ccgcatccct	aaggtaggcc	tggcgcacctc	4980
191	ctcaccacag	ctcagcacca	gcacctgggtg	atagccccag	catggctact	gccagggtggg	5040
193	cccactctag	gaaccttggc	cacctagtcc	tcaatgccac	cacactgact	gtccccactt	5100
195	gggtgggggg	tccagagtat	aggcagggtc	ggcctgtcca	tccagagccc	ccgtctagtgt	5160
197	gggagacaaa	ccaggacctg	ccagaatgtt	ggaggaccca	acgcctgcag	ggagagggggg	5220
199	cagtgtgggt	gcctctgaga	ggtgtgactg	cgccctgctg	tggggtcgga	gagggtactgt	5280
201	tggagcttct	cgggcgcagg	actagttagc	agagtccagc	tgtgtgccag	gcagtgtgtgt	5340
203	tcccccggtg	gtttgggtggc	aggggtccca	gcacccatga	gtccagtcctc	cactctcacc	5400
205	ctgcatctcc	tgcccaggga	acgacactca	tcaccaacct	gtcatcggtg	ctgaaggatgt	5460
207	aggccgtctg	ggagaagccc	ttccgcttcc	accccgaaca	cttcctggat	gcccaggggcc	5520
209	acctttgtgaa	gccggaggcc	ttcctgcctt	tctcagcagg	tgctgtggg	gagcccggt	5580
211	ccctgtcccc	ttcctgtggg	tcttgccagg	gtatcaccca	ggagccaggc	tactgacgc	5640
213	ccctcccttc	cccacaggcc	gccgtgcctg	cctcggggag	cccctggccc	gcattggagct	5700
215	cttccctcttc	ttcacctccc	tgtctcagca	cttcagcttc	tgggtgcccc	ctggacagcc	5760
217	ccggcccagc	caccatgggtg	tctttgcttt	cctggtgagc	ccatccccct	atgagctttg	5820
219	tgtgtgtccc	cgctagaatg	gggtacctag	tccccagcct	gtcccttagc	cagaggctct	5880
221	aatgtacaat	aaagcaatgt	ggtagtccca	actcgggtcc	cctgtctcag	ccctcggttg	5940
223	gatcatcttc	ctcagggcaa	ccccacccct	gcctcattcc	tgtttacccc	accgctggc	6000
225	cgcatttgag	acaggggtac	gttgaggctg	agcagatgtc	agttaccctt	gcccataatc	6060
227	ccatgtcccc	cactgaccca	actctgactg	cccagattgg	tgacaaggac	tacattgtcc	6120
229	tggcatgtgg	ggaagggggc	agaatgggct	gactagaggt	gtcagtcagc	cctggatgtg	6180
231	gtggagaggg	caggactcag	cctggaggcc	catatttcag	gcctaactca	gcccacccca	6240
233	catcaggggc	agcagtcctg	ccagcaccat	cacaacagtc	acctcccttc	atatatgaca	6300
235	ccccaaaacg	gaagacaaat	catggcgctca	gggagctata	tgccagggtc	acctacctcc	6360
237	cagggtcag	tcggcagggtg	ccagaacgtt	ccctgggaag	gccccatgga	agcccaggac	6420
239	tgagccacca	ccctcagcct	cgtcacctca	ccacaggact	ggctacctct	ctgggcccctc	6480
241	agggatgtctg	ctgtacagac	ccctgacagg	tgacaggttc	gcactcaggg	ccaggctggc	6540
243	gtggaggagg	gacacttggt	tggtcccaac	cctaggtacc	atcctcccag	tagggatcag	6600
245	gcagggccca	caggcctgcc	ctaggggacag	gagtcacact	tggacccata	aggcactggg	6660
247	gcgggcagag	aaggaggagg	tggcatgggc	agctgagagc	cagagaccct	gacctagtc	6720
249	cttgcctctgc	cattaccccc	tgtgaccccc	ggccccacct	tccccacctc	tccccacccc	6780
251	gggcttctgt	ttccttctgc	caacgagaag	gctgcttcac	ctgccccgag	tctgtctctc	6840
253	ctgctctgcc	ttctggggct	gtggcccttg	ctggcctgga	gccccaacca	agggcagggg	6900
255	ctgctgtcct	ccacgtctgt	cctcaccgac	ataatgggct	gggctgggca	cacaggcagt	6960
257	gcccagaggt	ttctaattgag	catatgatta	cctgagtcct	gggcagacct	tcttagggaa	7020
259	cagcctggga	cagagaacca	cagacactct	gaggagccac	cctgaggcct	cttttgccag	7080
261	aggaccctac	agcctccctg	gcagcagttc	cgccagcatt	tctgtaaatg	ccctcatgcc	7140
263	agggtgcggc	ccggctgtca	gcaagagagg	gaagttgggtc	tgtccctggg	caccgagtc	7200
265	gtcagaaggg	tggccagggc	ccccttgggc	ccctccagag	acaatccact	gtggtcacac	7260
267	ggctcggttg	caggaagtgc	tgttctctga	gctgtgggga	cagggagtgt	ggatgaagcc	7320
269	aggctgggtt	tgtctgaaga	cggaggcccc	gaaaggtggc	agcctggcct	atagcagcag	7380
271	caactcttgg	atttattgga	aagattttct	tcacggttct	gagtccttgg	ggtgttagag	7440
273	gctcagaacc	agtcacagca	gagctctgtc	atgggacagc	agaccgggtc	ccagggcctt	7500
275	tgtctcttgc	tgtcctcaga	ggcctctgca	aagtagaaac	aggcagcctt	gtgagtcctc	7560
277	tcctgggagc	aaccaacctt	ccctctgaga	tgccccgggg	ccaggtcagc	tgtggtgaaa	7620
279	ggtagggatg	cagccagctc	agggagtggc	ccagagttcc	tgccccacca	aggaggctcc	7680

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/942,310

DATE: 09/21/2001

TIME: 20:20:20

Input Set : A:\GG119-1US.ST25.txt

Output Set: N:\CRF3\09212001\I942310.raw

```

281 caggaaggctc aaggcacctg actcctgggc tgcttccctc ccctcccctc cccagggtcag 7740
283 gaagggtggga aagggtctgg gtgtctgtga ccctggcagt cactgagaag cagggtggaa 7800
285 gcagccccct gcagcacgct gggtcagtgg tcttaccaga tggatacgca gcaacttcct 7860
287 tttgaacctt tttattttcc tggcaggaag aagagggtac cagcagttag atcaggcagg 7920
289 ttctgtgttg cacagacagg gaaacaggct ctgtccacac aaagtcggtg gggccaggat 7980
291 gaggcccagt ctgttcacac atggctgctg cctctcaget ctgcacagac gtccctcgctc 8040
293 ccctgggatg gcagcttggc ctgctggtct tggggttgag ccagcctcca gcactgcctc 8100
295 cctgcccctg tgccctccac tctgcagtgc tccatggctg ctgagttgga cccacgtgg 8160
297 agacgttcag tgaagcccc gggctgtcct tacctcccag tctggggtac ctgccacctc 8220
299 ctgctcagca ggaatggggc taggtgcttc ctcccctggg gacttcacct gctctccctc 8280
301 ctgggataag acggcagcct cctccttggg ggcagcagca ttcagtcctc cagggtctcct 8340
303 gggggtcgtg acctgcagga ggaataagag ggcagactgg gcagaaaggc cttcagagca 8400
305 cctcactctc ctgttctcac actggggtgt cacagtcctg ggaagttctt ccttttcagt 8460
307 tgagctgttg taacctgtg agtttctctg agggggcctg ccactaccct tgggactccc 8520
309 tgccgtgtgt ctgggtctaa ctgagctctg aaaggagaga gccccagccc tgggccttcc 8580
311 aggggaagcc ttacctcaga ggttggcttc ttcctactct tgactttgag tctctgcaga 8640
313 gggaggtggg aggggtgaca caacctgac acccacta tgagttagta gtagtctctg 8700
315 cccgactggc ccactccttc cagggtgcagt ccccttact gtgtctgcca agggtgccag 8760
317 cacagccgcc ccactccagg ggaagaggag tgccagccct taccacctga gtgggcacag 8820
319 tgtagcattt attcattag cccacactg gctgaccat ctcccctgtg ggctgcatga 8880
321 caaggagaga gaacaggctg aggtgagagc tactgtcaac acctaaacct aaaaaatcta 8940
323 taattgggct gggcagggtg gctcacgcct gtaatcccag cactttggga ggccgagatg 9000
325 ggtggatcac ctgaggtcag atgttcgaga ccagcctggc caacatggtg aaaccccgctc 9060
327 tctactaaaa atacaaaaaa ttagctgggc gtggtggtgg gtgcctgtaa tccagctac 9120
329 tcaggaggct gaggcaggag aattgcttga acctgggagg cagaggctgc agtgagccga 9180
331 gatcgcatca ttgcactcca gcctggtcaa caagagtga actgtcttaa aaaaaaatc 9240
333 tataattgat atctttagaa agataaaaact ttgcattcat gaaataagaa taggagggtc 9300
335 taaaataaaa atgttcaaac acccaccacc actaattctt gacaaaaata tagtctgggt 9360
337 gccttagctc atgcctgtaa tcccagcatt ttgggaggct aaggcaggag gattgtttga 9420
339 gcctaggaat tc 9432
342 <210> SEQ ID NO: 2
343 <211> LENGTH: 1680
344 <212> TYPE: DNA
345 <213> ORGANISM: homo sapiens
347 <400> SEQUENCE: 2
348 gaattcaaga ccagcctgga caacttgga gaaccsggtc tctacaaaaa atacaaaatt 60
350 agctgggatt ggggtgcggtg gctcatgcct ataatccag cactttggga gcctgagggtg 120
352 ggtggatcac ctgaagtcag gagttcaaga ctagcctggc caacatggtg aaaccctatc 180
354 tctactgaaa atayaaaaag ctagacgtgg tggcacacac ctgtaatccc agctacttag 240
356 gaggtgagg caggagaatt gcttgaagcc tagagggtga ggttgtagt agccgagatt 300
358 gcatcattgc acaatggagg ggagccacca gcctgggcaa caagaggaaa tctccgtctc 360
360 caaaaaaaaa aaaaaaaaaa aaagratag gctgggtggt gcctgtagtc ccagctactt 420
362 gggaggcagg ggggtccactt gatgtcgaga ctgcagttag ccattgacct gccactgcac 480
364 tccggcctgg gcaacagagt gagaccctgt ctaaagaaaa aaaaaataaa gcaacatc 540
366 ctgaacaaag gatcctccat aacgttccca ccagatttct aatcagaaac atggaggcca 600
368 gaaagcagtg gaggaggacr accctcaggc agccccggag gatgttgtca caggctgggg 660
370 caagggcctt ccggctacca actgggagct ctgggaacag ccctgttgca aacaagaagc 720
372 catagccggg ccagagccca ggaatgtggg ctgggctggg agcagcctct ggacaggagt 780
374 ggtcccatcc aggaaacctc cggcatggct gggaagtggg gtacttggtg ccgggtctgt 840

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/942,310

DATE: 09/21/2001

TIME: 20:20:20

Input Set : A:\GG119-1US.ST25.txt

Output Set: N:\CRF3\09212001\I942310.raw

```

376 atgtgtgtgt gactgggtgtg tgtgagagag aatgtgtgcy ctaagtgtca gtgtgagttct 900
378 gtgtatgtgt gaatatgtgc tttgtgtggg tgattttctg crtgtgtaat cgtgtccctg 960
380 caagtgtgaa caagtggaca agtgtctggg agtggacaag agatctgtgc accatcaggt 1020
382 gtgtgcatag cgtctgtgca tgtcaagagt gcaagggtgaa gtgaaggagc caggcccatg 1080
384 atgccactca tcatcaggag ctctaaggcc ccaggtaagt gccagtgaca gataagggtg 1140
386 ctgaagggtca ctctggagtg ggcagggtggg ggtagggtgaa gggcaaggcc atgttctgga 1200
388 ggaggggttg tgactacatt aggggtgtatg agcctagctg ggaggtggat ggccrggtcc 1260
390 actgaaaccc tggttatccc agaaggcttt gcaggcttca ggagcttga gtggggagag 1320
392 ggggtgactt ctccgaccag gccctccac cggcctacc tgggtaaggg cctggagcag. 1380
394 gaagcagggg caagaacctc tggagcagcc cataccgcc ctggcctgac tctgccactg 1440
396 gcagcacagt caacacagca ggttctactc cagcagaggg caaaggccat catcagctcc 1500
398 ctttataagg gaagggtcac gcgctcgggtg tgctgagagt gtcctgcctg gtccctctgtg 1560
400 cctgggtggg tgggggtgcc aggtgtgtcc agaggagccc atttggtagt gaggcaggta 1620
402 tggggctaga agcactggtg cccctggccg tgatagtggc catcttctctg ctccgtgtgg 1680
405 <210> SEQ ID NO: 3
406 <211> LENGTH: 11
407 <212> TYPE: DNA
408 <213> ORGANISM: Artificial sequence
410 <220> FEATURE:
411 <223> OTHER INFORMATION: synthetic oligonucleotide
413 <400> SEQUENCE: 3
414 gaacccggtc t 11
417 <210> SEQ ID NO: 4
418 <211> LENGTH: 13
419 <212> TYPE: DNA
420 <213> ORGANISM: artificial sequence
422 <220> FEATURE:
423 <223> OTHER INFORMATION: synthetic oligonucleotide
425 <400> SEQUENCE: 4
426 aaaatacaaa aag 13
429 <210> SEQ ID NO: 5
430 <211> LENGTH: 13
431 <212> TYPE: DNA
432 <213> ORGANISM: artificial sequence
434 <220> FEATURE:
435 <223> OTHER INFORMATION: synthetic oligonucleotide
437 <400> SEQUENCE: 5
438 aaaaagaatt agg 13
441 <210> SEQ ID NO: 6
442 <211> LENGTH: 11
443 <212> TYPE: DNA
444 <213> ORGANISM: artificial sequence
446 <220> FEATURE:
447 <223> OTHER INFORMATION: synthetic oligonucleotide
449 <400> SEQUENCE: 6
450 aggacgaccc t 11
453 <210> SEQ ID NO: 7
454 <211> LENGTH: 11
455 <212> TYPE: DNA

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/942,310

DATE: 09/21/2001

TIME: 20:20:21

Input Set : A:\GG119-1US.ST25.txt

Output Set: N:\CRF3\09212001\I942310.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date